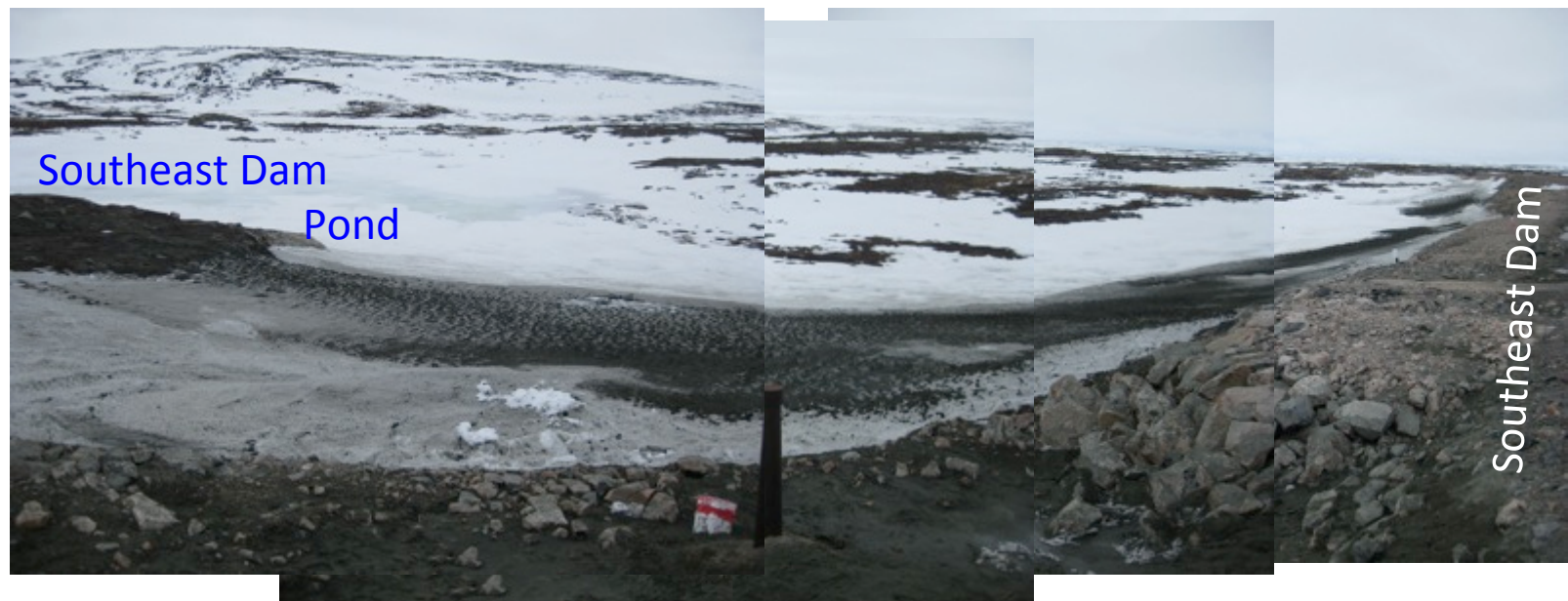# FPK Sampling and Update

May 16, 2012
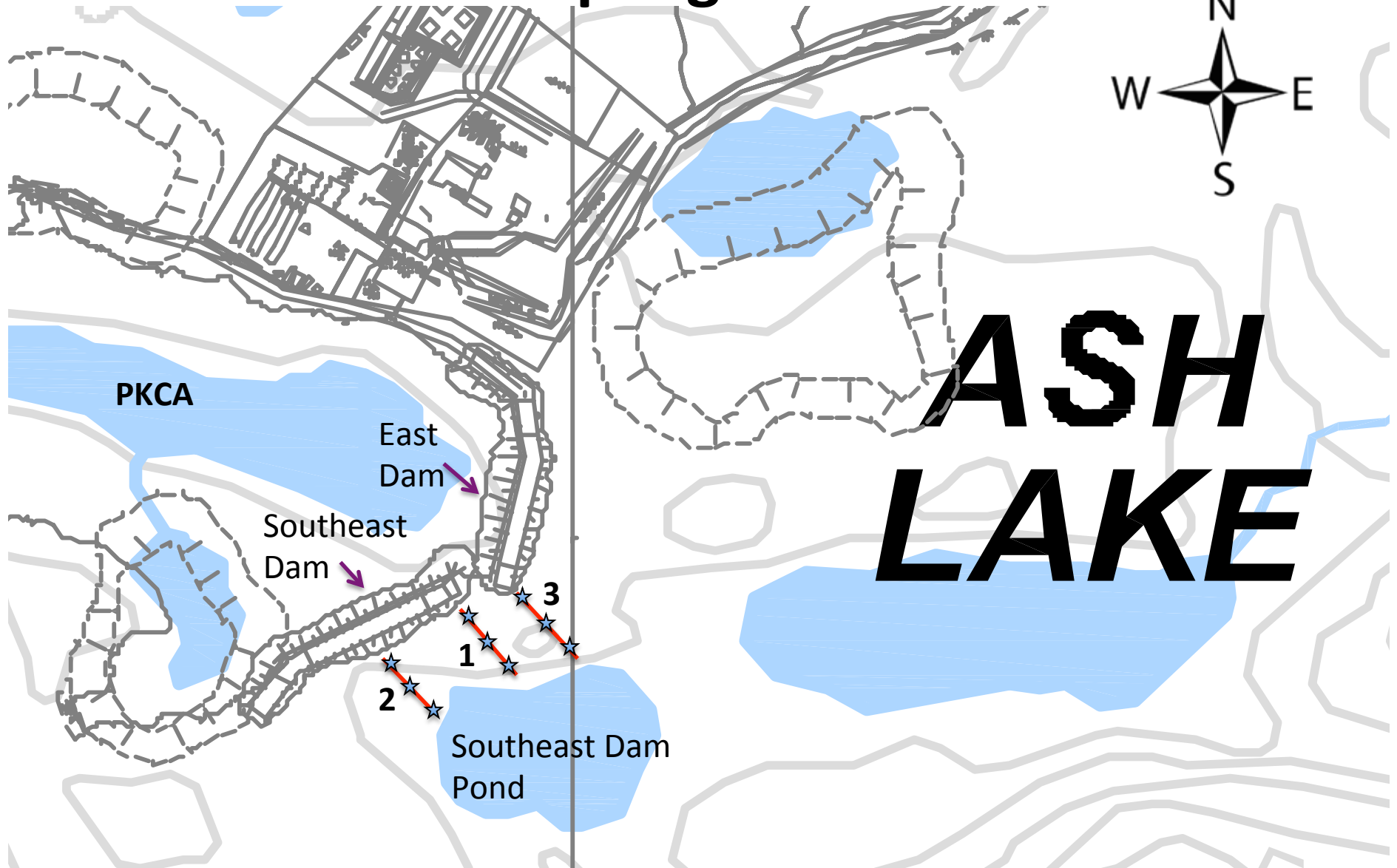
Panoramic View

Leeward side of Southeast Dam
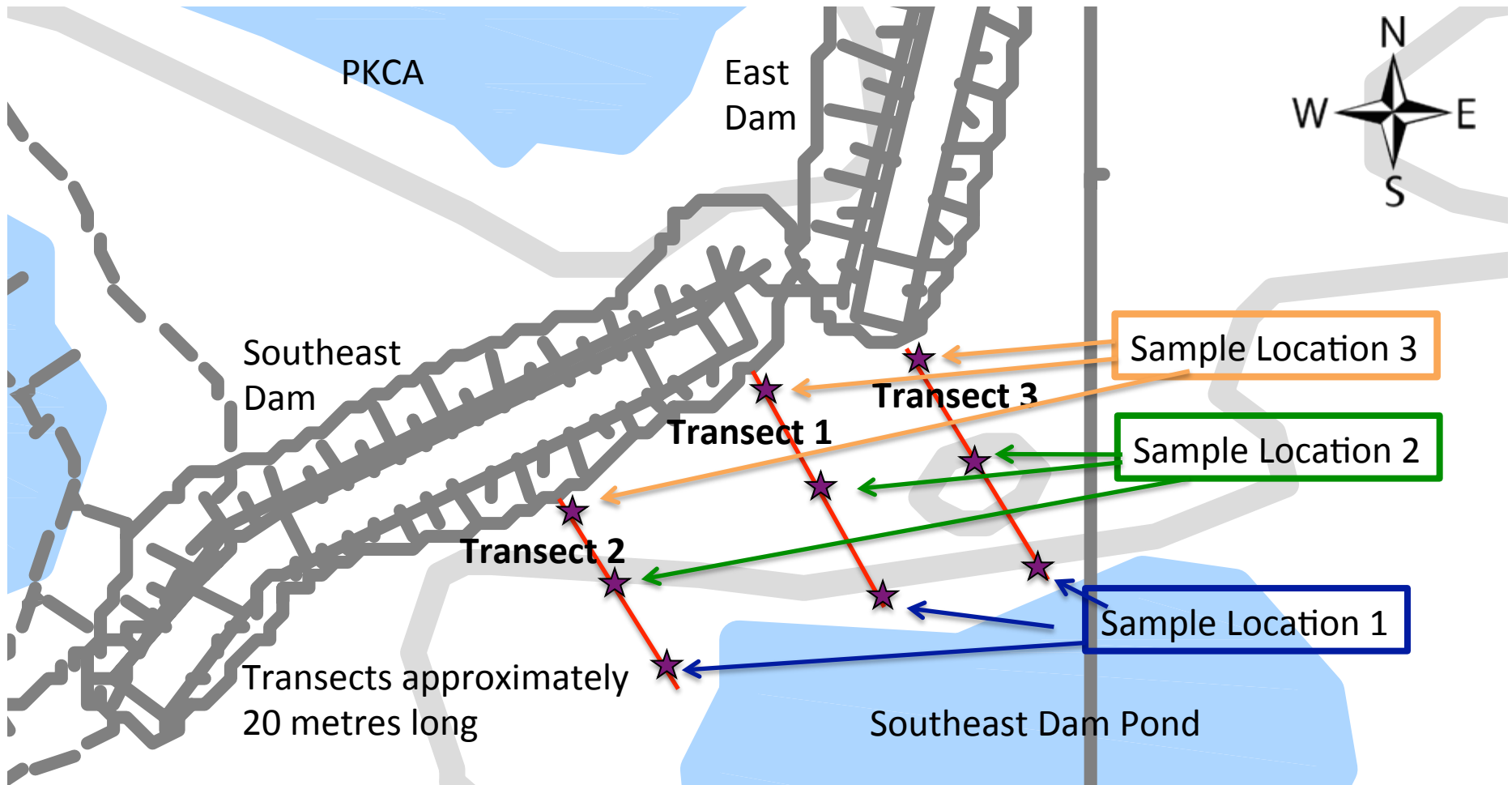

Photographer was standing on the top of the Southeast Dam to take this photo.

Transects and Sampling Locations

PKCA

East Dam

Southeast Dam

3

1

2

Southeast Dam Pond

ASH LAKE

N W E S

Transects and Sampling Locations

PKCA

East Dam

Southeast Dam

Sample Location 3

Transect 3

Transect 1

Sample Location 2

Transect 2

Sample Location 1

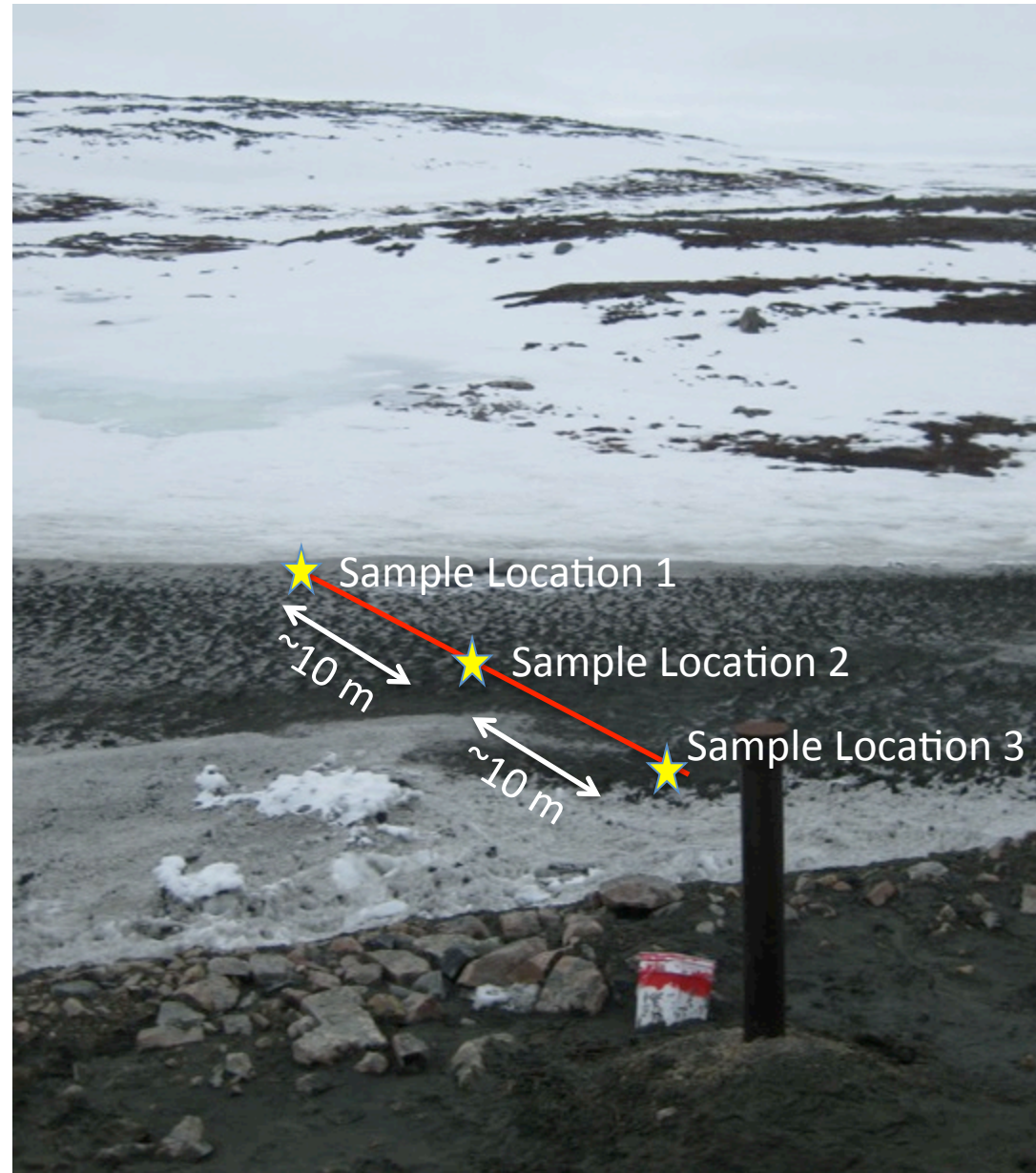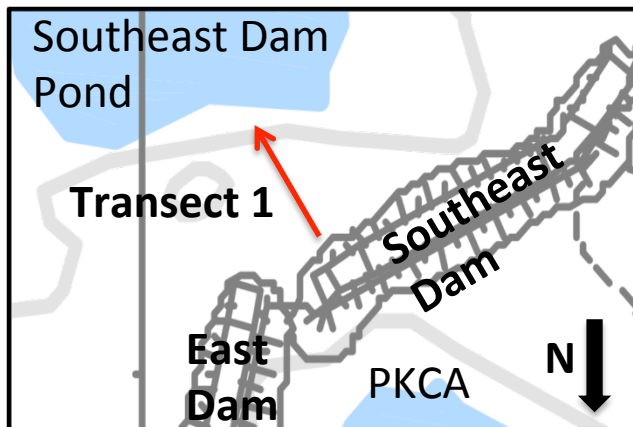Transects approximately 20 metres long

Southeast Dam Pond

N
W E
S

Transect 1

Three samples were collected along Transect 1, see figure on previous slide.

Transects were selected along areas of greatest deposition.

At each sampling location, three samples were collected:

1. Geochemistry
2. Toxicity
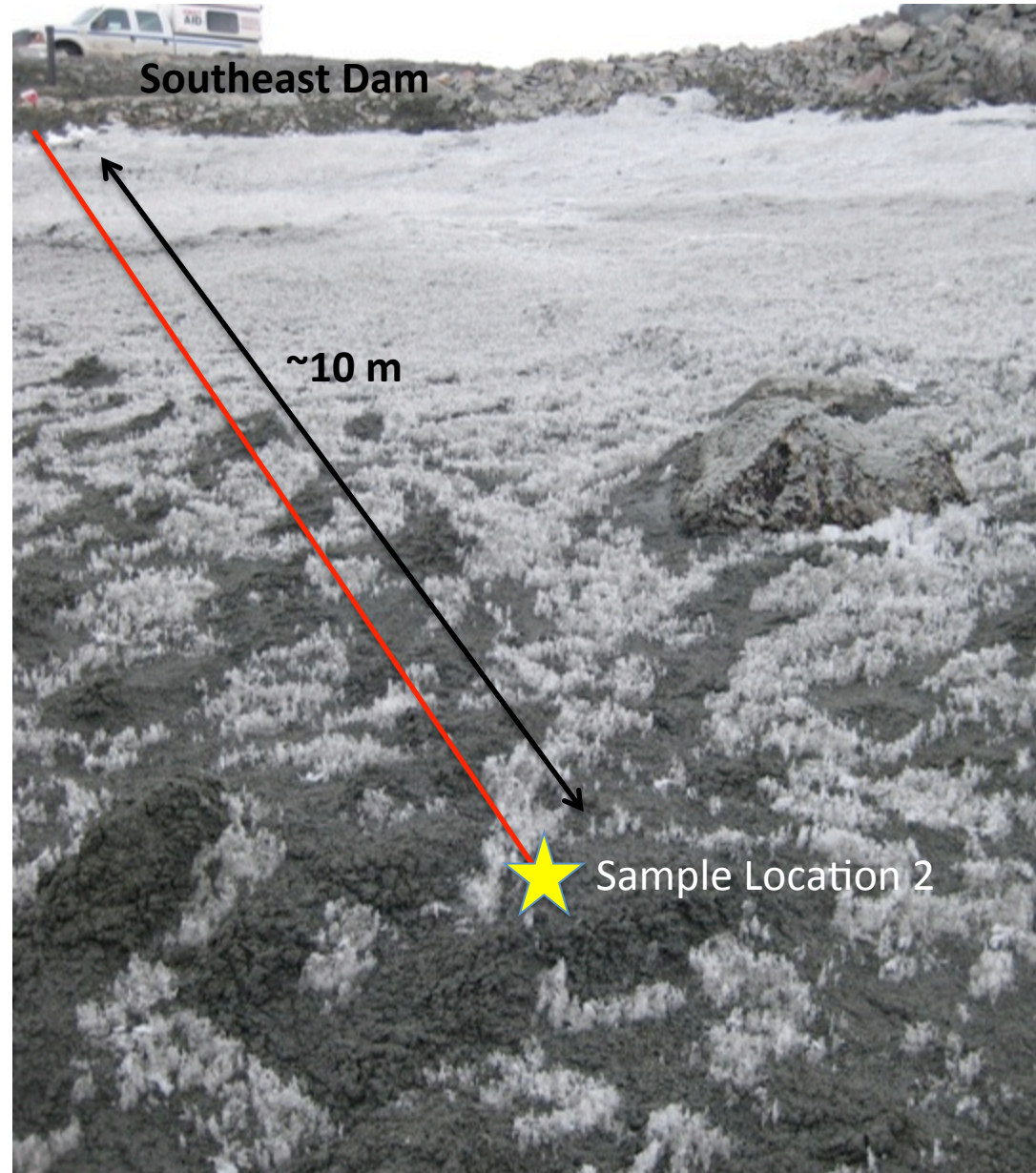3. Additional analyses including grain size analyses

Transect 1

FPK at Sample Location 1 along Transect 1

Three soil sampling jars were collected at each sampling location along the three transects.

Transect 1

FPK at Sample Location 2 along Transect 1

Transect 1

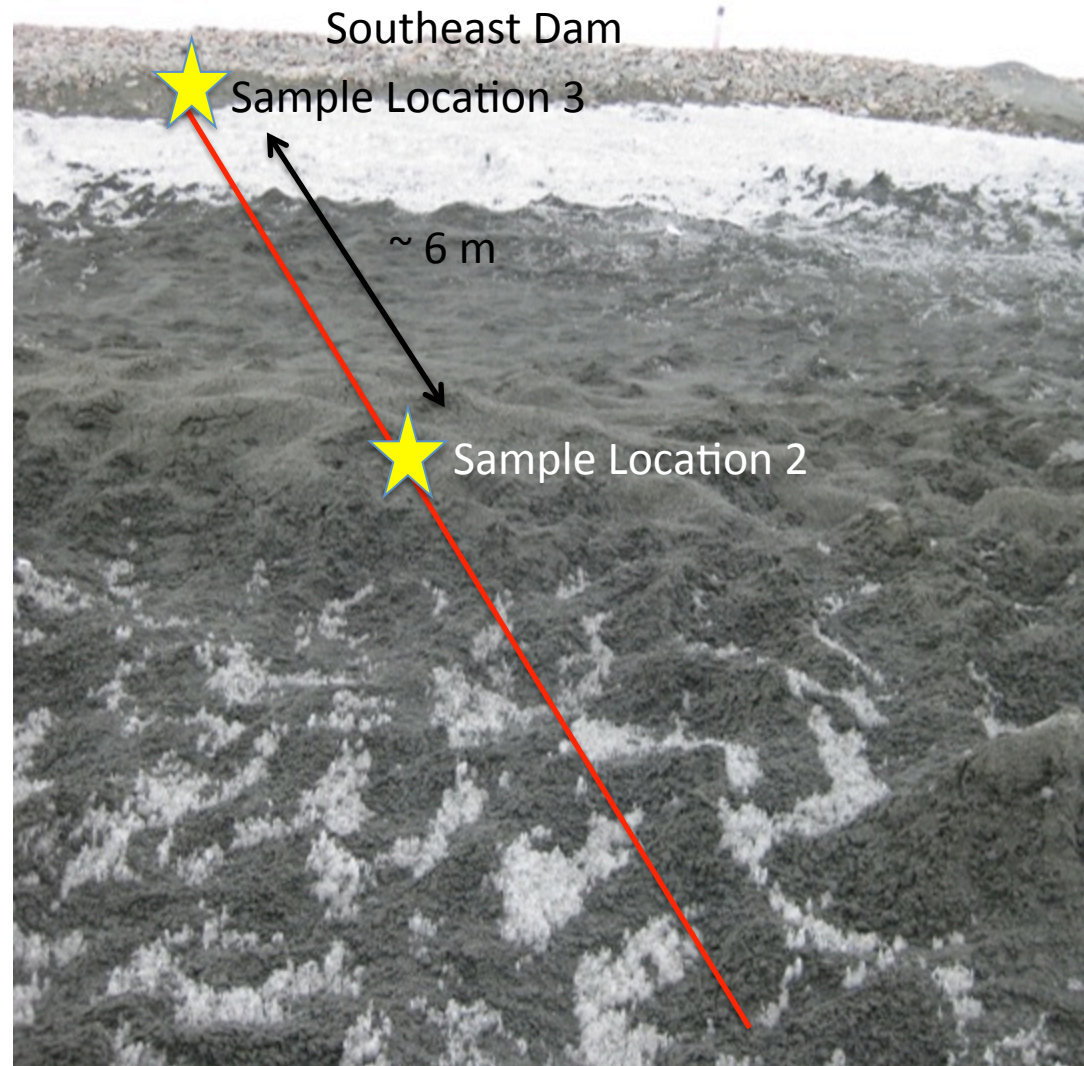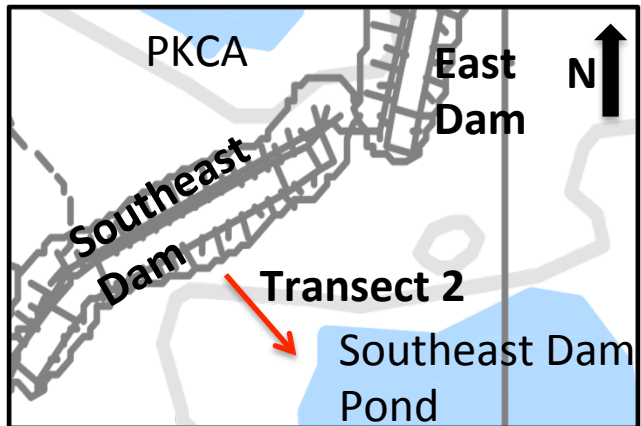FPK at Sample Location 3 along Transect 1

Transect 2

Three samples were collected along Transect 2, see figure on previous slide.

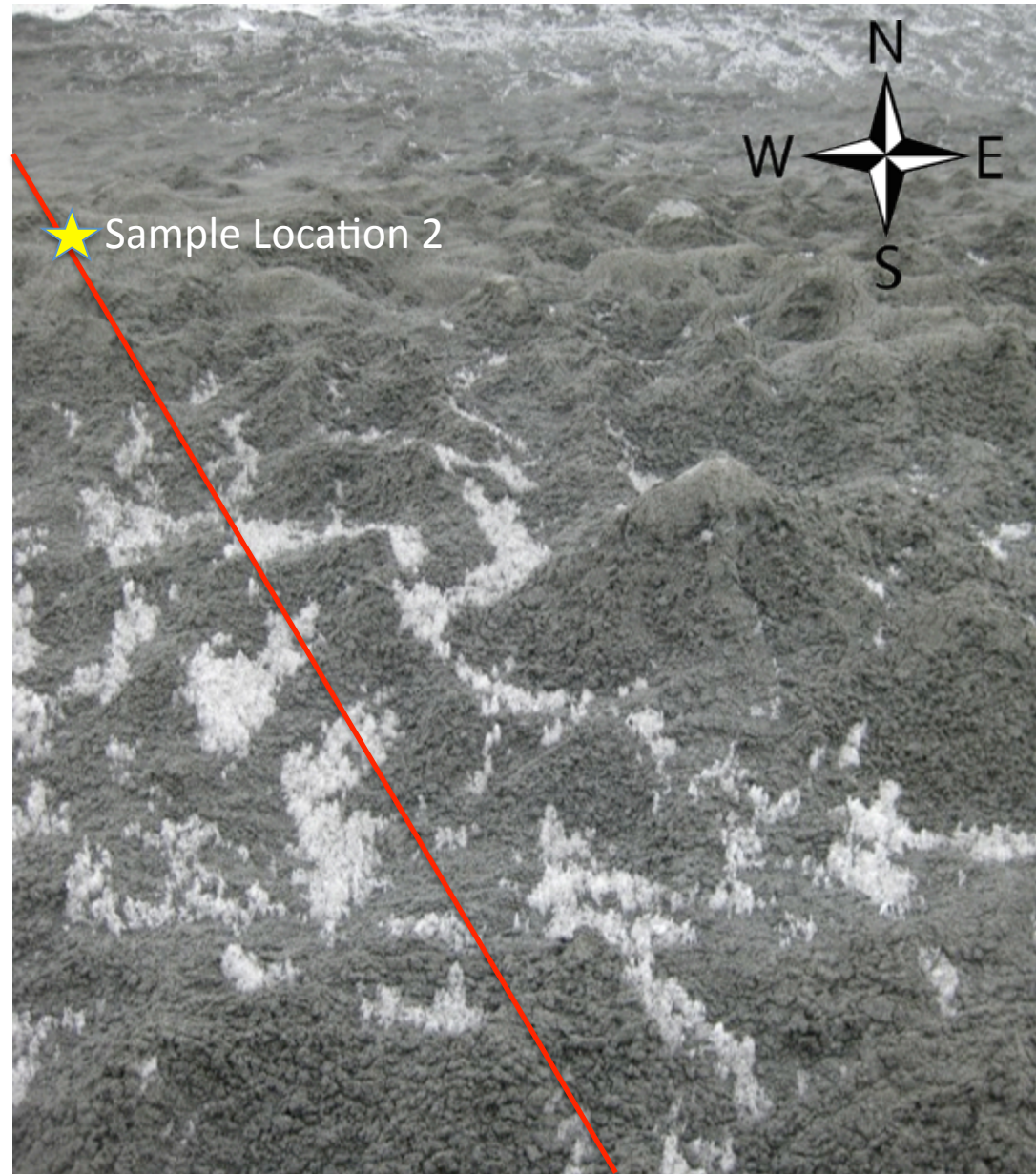At each sampling location, three samples were collected:

1. Geochemistry
2. Toxicity
3. Additional analyses including grain size analyses

Transect 2

Transect 2 was in the area of greatest deposition.

Photographer was standing at Sample Location 2 looking up the slope toward Southeast Dam.
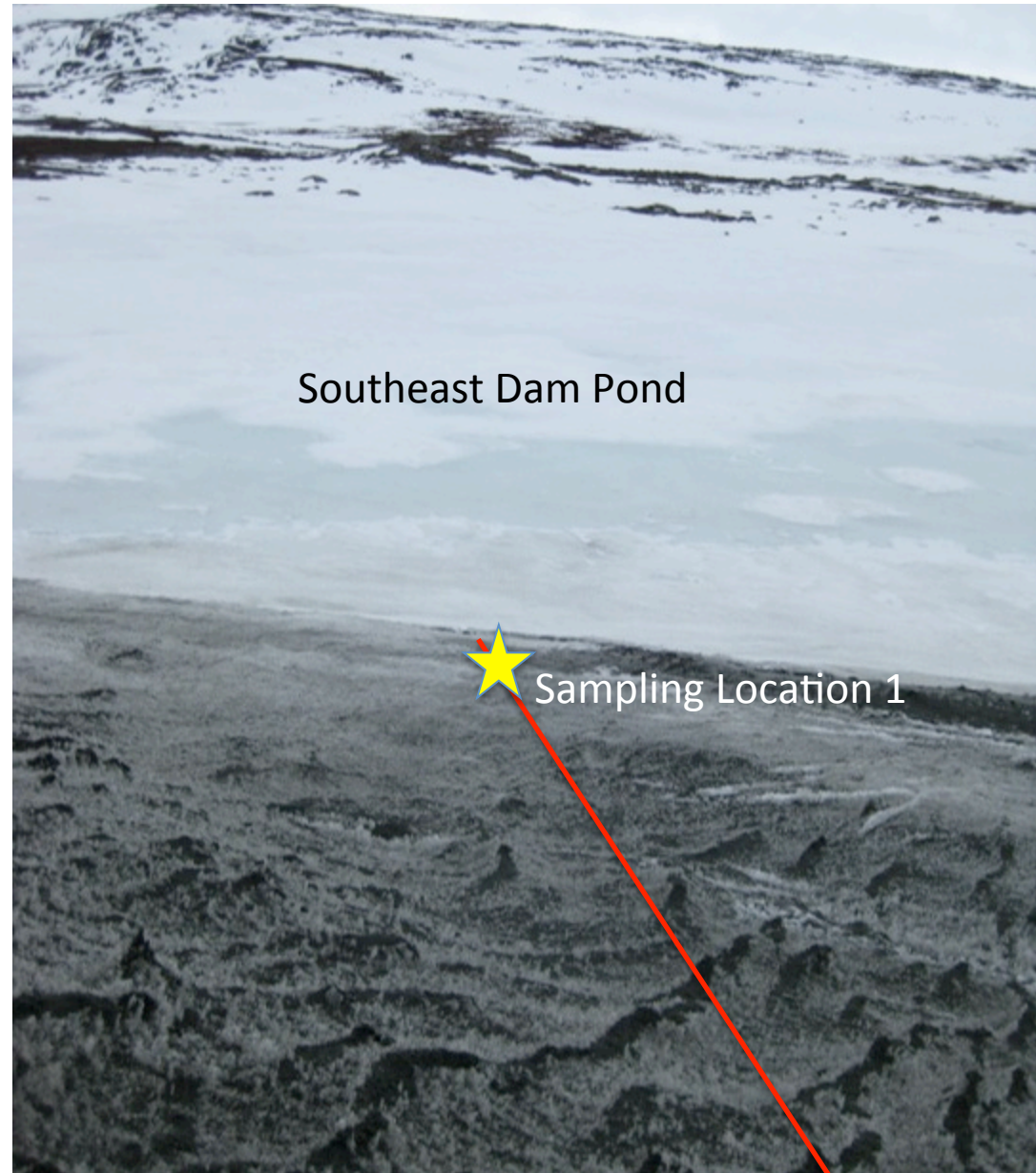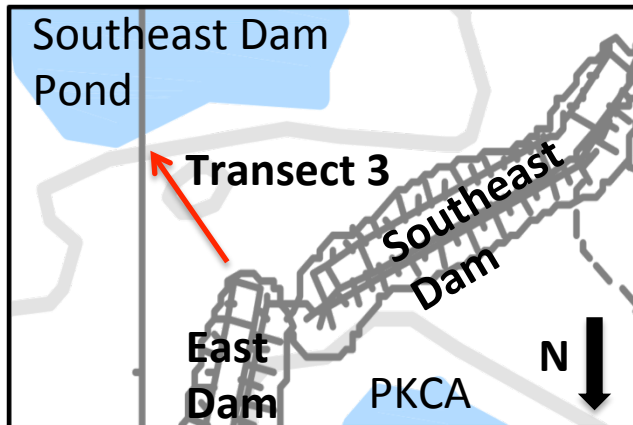
Transect 2

Photographer took this photo to demonstrate how thick the layer of FPK was at Sample Location 2 along Transect 2.
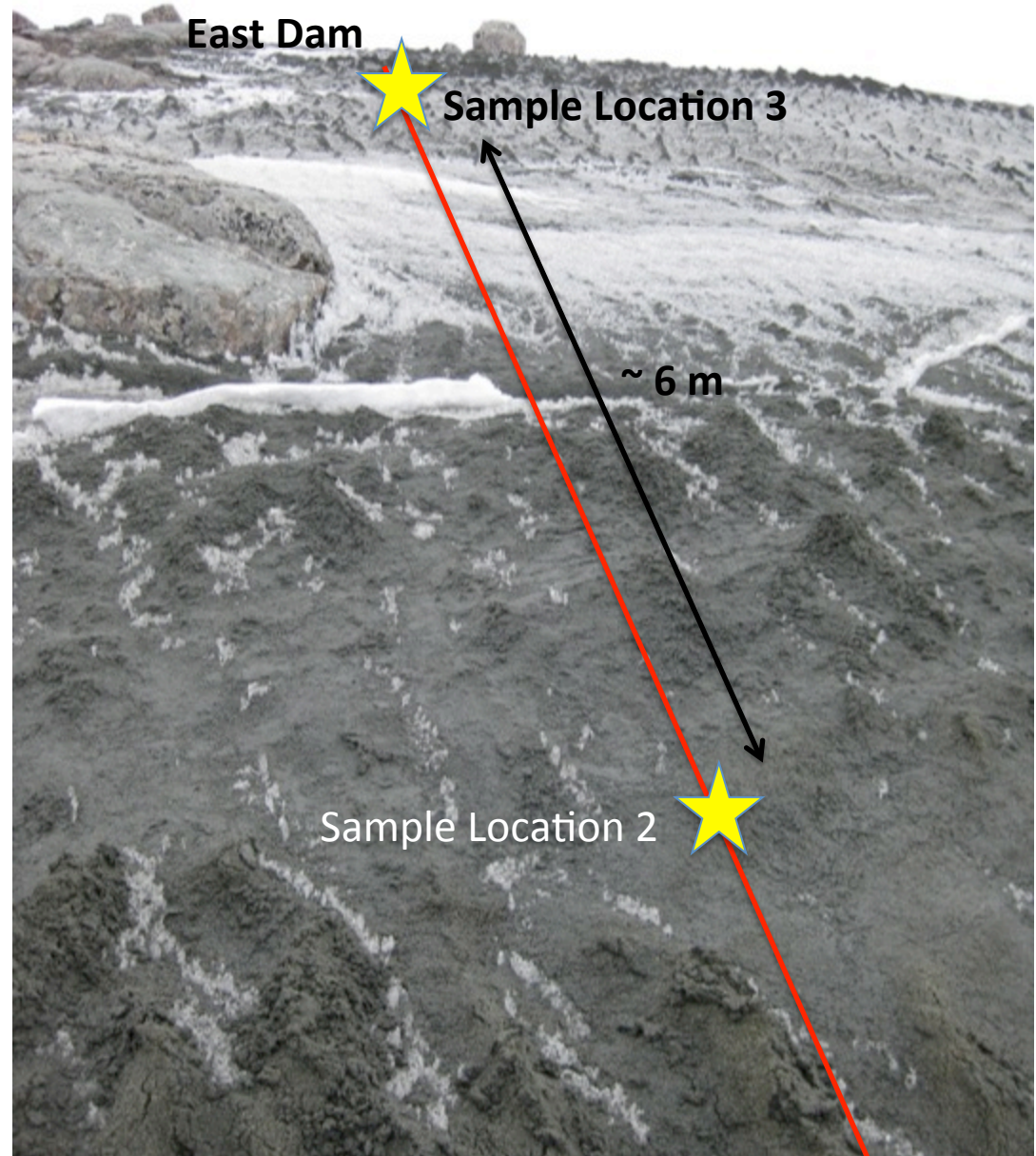
Transect 3

Looking down toward Southeast Dam Pond.

Transect 3

Photographer standing north of shoreline of Southeast Dam Pond looking up toward East Dam.

FPK Removal

As mentioned in the email sent on May 15th, an attempt was made to use the loader to remove FPK.

The loader was not able to maneuver in the deep snow without sliding and getting stuck.

Alternate options are being considered for equipment use.

Personnel will begin hand shoveling the FPK that has been deposited closest to the shoreline of Southeast Dam Pond.

Areas of greatest deposition (where the FPK is thickest) will be hand shoveled.